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- Solution: Automatic LOD selection
  - Control frame rate precisely
  - Control time distribution among different sub-regions
- Pre-processing: Hierarchical volume structure
  - The entire volume is divided into subvolumes.
  - Multiple resolutions are created for each subvolume.
  - Each subvolume is assigned an important value.















![](_page_14_Figure_0.jpeg)

![](_page_14_Figure_1.jpeg)

![](_page_15_Figure_0.jpeg)

![](_page_15_Figure_1.jpeg)

![](_page_16_Figure_0.jpeg)

![](_page_16_Figure_1.jpeg)

![](_page_17_Figure_0.jpeg)

![](_page_17_Figure_1.jpeg)

![](_page_18_Figure_0.jpeg)